## AMENDMENTS TO THE CLAIMS

The present listing of claims replaces all previous listings of claims of the present application.

## LISTING OF CLAIMS

**1.** (currently amended) A method of storing data comprising:

placing a plurality of <u>nanometer beads filled with nanometer sized particles, the nanometer sized particles providing colors to the nanometer beads,</u> ~~nanometer sized carriers of different colors~~ using inkjet technology at each of a plurality of data pit locations on a rotating data storage medium disk to represent data by the presence and absence of said colors;

exciting said colors within said <u>nanometer beads</u> ~~carriers~~ at each location by making them fluoresce;

measuring said fluorescence of said <u>nanometer beads</u> ~~carriers~~ at each location to identify presence and absence of said colors.

**2.** (canceled)

**3.** (currently amended) The method of claim 1 wherein said <u>nanometer sized particles</u> ~~carriers~~ are nanometer size<u>d</u> fluorescent particles.

**4.** (currently amended) The method of claim 3 wherein said <u>nanometer sized</u> particles comprise quantum dots.

**5.** (original) The method of claim 4 wherein said quantum dots are made up of red, blue and green color.

**6.** (original) The method of claim 4 wherein said quantum dots are made up of a plurality of shades of a color.

**7. – 9.** (canceled)

**10.** (previously presented) The method of claim 1 wherein a holographic multi-spectral filter HSMF is used for dispersing collimated fluorescent light on a spectrally sensitive component.

**11.** (new) A method of storing data comprising:

placing a plurality of nanometer beads filled with nanometer sized particles, the nanometer sized particles providing colors to the nanometer beads, using laser-induced technology at each of a plurality of data pit locations on a rotating data storage medium disk to represent data by the presence and absence of said colors;

exciting said colors within said nanometer beads at each location by making them fluoresce;

measuring said fluorescence of said nanometer beads at each location to identify presence and absence of said colors.

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